

Bouck, Steve

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:47 PM
To: Schuster, Jane; Bouck, Steve
Subject: FW: 7CC sampling

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: kristen burgess [mailto:esakb1@att.net]
Sent: Thursday, August 10, 2017 11:46 AM
To: Duvil, Ricardi <duvil.ricardi@epa.gov>
Cc: Annette Nesse <anesse@jamestowntribe.org>; Jerry Allen <jerryallen@7cedarsresort.com>; Ron Sather <rsather@7cedarsresort.com>; Ian Jones <ijones@jamestowntribe.org>
Subject: Re: 7CC sampling

Ricardi:

All ten sampling points were sampled this morning for compliance. I will forward the results when I receive them from the lab. This should take care of the first time period and we will sample again in January of 2018.

Thank you for your assistance in this matter,

Kristen Burgess
President
ESA Associates, INC.
(425) 870-8481

On Thursday, August 10, 2017 10:40 AM, "Duvil, Ricardi" <duvil.ricardi@epa.gov> wrote:

Hi Kristen:

This is great news ! Thank you for working with me on this. I am assuming the samples collected in July were for investigation purposes, right ? . When are you planning to collect lead/copper samples for compliance

determination? As you know under the lead and copper rule, you have to collect samples for two-consecutive periods after exceeding the action level.

Monitoring periods : July 1, 2017 – December 31, 2017.
: January 1, 2018 – June 30, 2018

Please let me know

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
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From: kristen burgess [<mailto:esakb1@att.net>]
Sent: Thursday, August 10, 2017 8:46 AM
To: Duvil, Ricardi <duvil.ricardi@epa.gov>
Cc: Annette Nesse <anesse@jamestowntribe.org>; Jerry Allen <jerryallen@7cedarsresort.com>; Ron Sather <rsather@7cedarsresort.com>; Ian Jones <ijones@jamestowntribe.org>
Subject: 7CC sampling

Ricardi:

As per your request, additional copper pipe replacement and subsequent water sampling was conducted at 7CC in July 2017. The water from all ten sampling points are now below the EPA action level of 1.3 mg/L. Please let me know if there are additional requirements for the 7CC water system as directed by the EPA.

I have attached a summary letter, all chemical reports, and a summary table for your review.

Sincerely,

Kristen Burgess
President
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(425) 870-8481

Bouck, Steve

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:47 PM
To: Schuster, Jane; Bouck, Steve
Subject: FW: 7CC sampling
Attachments: August Status Report.docx; 6-27-17 LCR Testing (2).pdf; Additional Samples from 8-2-17 (2).pdf; LCR 7-21-17 (1).pdf; Rpt_1509041_7_Cedars_Casino_Final_v2 (4).pdf; SKMBT_C364e17072817140 (5).pdf; Table 5.DOC

Cheers,

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I have attached a summary letter, all chemical reports, and a summary table for your review.

Sincerely,

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Bouck, Steve

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:48 PM
To: Schuster, Jane; Bouck, Steve
Subject: FW: 7 Cedars Casino

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
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Cc: Annette Nesse <anese@jamestowntribe.org>; Ron Sather <rsather@7cedarsresort.com>; Jerry Allen <jerryallen@7cedarsresort.com>
Subject: Re: 7 Cedars Casino

Ricardi:

As per our conversation earlier today, you mentioned collecting water quality data to determine where the copper is coming from at the 7CC. Within half an hour of our phone conversation, I discovered two sections of copper piping that were left in place serving the Totem bar. These sections of pipe are likely the source of the copper in the Totem bar area. The facilities manger has committed to replacing those pipes as early as next Monday.

The tribe as well as myself have been fully cooperating to rectify the cooper issue at 7CC, and remain committed to an expeditious and lasting solution to the problem. As I stated on the phone, we will collect, study, and supply the EPA with the data, testing, and analysis they require in a timely manner. As I also stated, I concur with you that the EPA needs to send the tribe a letter requesting a water quality test on the water at 7CC. To be clear, I stated that the water quality data will not change the fact that copper piping was left in place at the Totem bar, and at no time did I imply that the tribe would not comply with your requests.

I remain optimistic that the final remedy will be executed next Monday and the following collection of water at all 10 sampling point will confirm that assertion. To expedite matters, it would be prudent to collect the water quality data at the time of water sampling of the distribution line. If you have no objection to that, we will schedule the water quality collection for next Thursday.

Thank you again for your attention to this matter.

Kristen Burgess
President
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(425) 870-8481

On Thursday, July 13, 2017 2:01 PM, "Duvil, Ricardi" <duvil.ricardi@epa.gov> wrote:

Kristen-

Thanks for your email. Since the 90th percentile of copper levels at 7CC continue to exceed the action level, I will be working with the Office of Compliance and Enforcement to address this issue. Regardless of what you believe in, under the Lead and Copper Rule -**40 CFR 141.87** – Title -Monitoring requirements for water quality parameter: Any systems that exceed the lead or copper action level must monitor for water quality parameters. Failure to complete with these requirements **will be a violation** of the Lead and Copper Rule which is a National Primary Drinking Water Regulations. I ask for your cooperation to rectify these problems quickly and effectively. A letter will be sent to 7CC water system with specific requirements due to copper Action Level Exceedances.

Cheers,

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Subject: 7 Cedars Casino

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I have informed Mr. Sather that I need to know if any more areas of copper piping exist in the 7CC. He believes the only remaining area is the pipe from the outside wall to the inside of the casino. Mr. Sather is going to do a final reconnaissance to confirm.

In my opinion, the two, 20 foot sections of copper piping left in place caused the hot spots in CA -05 and CA-19. I do not believe water quality data will alter that finding. However, if you request a collection of water quality data at 7CC, the Tribe will facilitate your request upon approval from Mr. Jerry Allen.

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Bouck, Steve

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Sent: Monday, August 14, 2017 2:49 PM
To: Schuster, Jane; Bouck, Steve
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From: Duvil, Ricardi
Sent: Thursday, July 13, 2017 2:02 PM
To: 'kristen burgess' <esakb1@att.net>
Cc: Annette Nesse <anese@jamestowntribe.org>; Ron Sather <rsather@7cedarsresort.com>; Jerry Allen <jerryallen@7cedarsresort.com>
Subject: RE: 7 Cedars Casino

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Subject: 7 Cedars Casino

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STATE OF NEW YORK
OFFICE OF THE ATTORNEY GENERAL
JULY 1, 1964
ALBANY, NEW YORK

TO THE HONORABLE
THE SENATE
THE ASSEMBLY
THE COMPTROLLER
THE ATTORNEY GENERAL
THE JUDICIAL OFFICE
THE OFFICE OF THE
STATE CLERK

RE: [Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

Bouck, Steve

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Kristen Burgess
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Bouck, Steve

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:51 PM
To: Bouck, Steve; Schuster, Jane
Subject: FW: 7CC lead and copper results

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
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From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:43 PM
To: 'kristen burgess' <esakb1@att.net>
Cc: Annette Nesse <anesse@jamestowntribe.org>; Jerry Allen <jerryallen@7cedarsresort.com>; Ron Sather <rsather@7cedarsresort.com>
Subject: RE: 7CC lead and copper results

Excellent ! I look forward to receiving 7CC 2018 results.

Cheers,

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Subject: 7CC lead and copper results

Ricardi:

Here are the results from 7CC lead and copper compliance taken last Thursday. All ten sampling points are below the EPA action level. The 7CC will collect another round of sampling in January of 2018 for compliance unless otherwise directed by the EPA.

Let me know if you have any further concerns.

Thank you,

Kristen Burgess
President
ESA Associates, INC.
(425) 870-8481

Bouck, Steve

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:51 PM
To: Schuster, Jane; Bouck, Steve
Subject: FW: 7CC sampling

Cheers,

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Hi Kristen:

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Monitoring periods : July 1, 2017 – December 31, 2017.
: January 1, 2018 – June 30, 2018

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To: Bouck, Steve; Schuster, Jane
Subject: FW: 7 Cedars Casino

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From: Duvil, Ricardi
Sent: Monday, July 17, 2017 9:27 AM
To: kristen burgess <esakb1@att.net>
Cc: Annette Nesse <anesse@jamestowntribe.org>; Ron Sather <rsather@7cedarsresort.com>; Jerry Allen <jerryallen@7cedarsresort.com>
Subject: Re: 7 Cedars Casino

Kristen:

As indicated in my September letter, WQPs must be taken every time the system exceeds the action level.

Water Quality Parameters Samples required by August 11th, 2017.

- pH (measured in the field)
- Alkalinity
- Calcium
- Conductivity
- Water temperature

2 sets of samples at each entry point to the distribution system- taken 1 week apart.

2 sets of samples at two different sites located at the distribution system Sites: **CA-19 and CA-04**

In addition to pipes replacement at the at the totem bar area, you should advice 7CC to replace fixtures/faucets as well (**CA-19 and CA-04**)

Thanks,

Ricardi

From: kristen burgess <esakb1@att.net>
Sent: Thursday, July 13, 2017 3:17:21 PM
To: Duvil, Ricardi
Cc: Annette Nesse; Ron Sather; Jerry Allen
Subject: Re: 7 Cedars Casino

Ricardi:

As per our conversation earlier today, you mentioned collecting water quality data to determine where the copper is coming from at the 7CC. Within half an hour of our phone conversation, I discovered two sections of copper piping that were left in place serving the Totem bar. These sections of pipe are likely the source of the copper in the Totem bar area. The facilities manger has committed to replacing those pipes as early as next Monday.

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I remain optimistic that the final remedy will be executed next Monday and the following collection of water at all 10 sampling point will confirm that assertion. To expedite matters, it would be prudent to collect the water quality data at the time of water sampling of the distribution line. If you have no objection to that, we will schedule the water quality collection for next Thursday.

Thank you again for your attention to this matter.

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From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:52 PM
To: Bouck, Steve; Schuster, Jane
Subject: FW: Final Review Letter- 7CC

Cheers,

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From: Duvil, Ricardi
Sent: Tuesday, January 03, 2017 2:08 PM
To: kristen burgess <esakb1@att.net>
Subject: RE: Final Review Letter- 7CC

Thanks. Happy New Year to you as well.

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
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From: kristen burgess [<mailto:esakb1@att.net>]
Sent: Tuesday, January 03, 2017 2:03 PM
To: Duvil, Ricardi <duvil.ricardi@epa.gov>
Subject: Re: Final Review Letter- 7CC

Ricardi:

Thank you, I will keep you informed of any changes as we continue to monitor the water system.

Happy New Year,

Kristen Burgess
President
ESA Associates, INC.
(425) 870-8481

On Tuesday, January 3, 2017 1:57 PM, "Duvil, Ricardi" <duvil.ricardi@epa.gov> wrote:

Kristen:

Please find attached EPA's final review letter.

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 900
Seattle, WA 98101-3140

OFFICE OF
WATER AND WATERSHEDS

January 3, 2017

Jerry Allen, CEO
7 Cedars Resort
Jamestown S'Klallam Tribe
270756 Highway 101
Sequim, WA 98382

Re: Optimal Corrosion Control Treatment- Copper Pipe Removal and Replacement Project
7 Cedars Casino - PWS ID # 105300108

Dear Mr. Allen:

We have reviewed your final report of the Copper Pipe Removal and Replacement Project, which includes copper monitoring results from March 2015 through December 2016. We are pleased to inform you that the 7 Cedars Casino water system is now in compliance with the Lead and Copper Rule under the Safe Drinking Water Act.

In order to remain in compliance, your water system must collect ten samples for lead and copper for two consecutive six month monitoring periods: January 1, 2017 through June 30, 2017 and July 1, 2017 through December 31, 2017. During these monitoring periods, if lead levels remain low and copper levels no longer exceed the 90th percentile Action Level of 1.3 mg/L, then your water system will be placed on an annual monitoring schedule. However, if 90th percentile copper levels continue to exceed the Action Level, you will be required to continue alternative corrosion control treatment in addition to copper line replacement.

The Environmental Protection Agency has been working with State and Tribal partners to identify ways to strengthen implementation of the nation's drinking water programs, with a particular focus on the Lead and Copper Rule. We will be providing compliance assistance to help you address any issues you may have with lead and copper action level exceedances.

If you have any questions, please contact me at (206)553-2578 or duvil.ricardi@epa.gov.

Sincerely

Ricardi Duvil, Ph.D.
Lead and Copper Rule Manager

cc: Adam Baron, EPA Drinking Water Compliance Officer
Kristen Burgess, Project Officer - ESA Associates. INC.
Richard Moore, Indian Health Services
Ron Sather, Facilities Manager
Bill Laubner, Facilities Manager

Bouck, Steve

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:53 PM
To: Schuster, Jane; Bouck, Steve
Subject: FW: Final Review Letter- 7CC
Attachments: 7 Cedars Casino Copper replacement_final Letter_ 1-3-2017.pdf

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: Duvil, Ricardi
Sent: Tuesday, January 03, 2017 1:57 PM
To: Kristen Burgess <esakb1@att.net>
Subject: Final Review Letter- 7CC

Kristen:

Please find attached EPA's final review letter.

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

Bouck, Steve

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:54 PM
To: Schuster, Jane; Bouck, Steve
Subject: FW: Copper Pipe Removal

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: Duvil, Ricardi
Sent: Wednesday, December 28, 2016 10:55 AM
To: Kristen Burgess <esakb1@att.net>
Subject: RE: Copper Pipe Removal

Thank you !

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: Kristen Burgess [<mailto:esakb1@att.net>]
Sent: Wednesday, December 28, 2016 10:46 AM
To: Duvil, Ricardi <duvil.ricardi@epa.gov>
Subject: Fwd: Copper Pipe Removal

Ricardo:

I am forwarding Jerry Allen's letter to you. The hard copy will be with my final report. Let me know if you require any additional information. Thank you, Kristen

Sent from my iPhone

Begin forwarded message:

From: Jerry Allen <jerryallen@7cedarsresort.com>

Date: December 22, 2016 at 1:28:42 PM PST

To: "esakb1" <esakb1@att.net>

Subject: FW: Copper Pipe Removal

IK don't have your others guys email address

From: Judy Walz [<mailto:jwalz@7cedarsresort.com>]

Sent: Thursday, December 22, 2016 1:13 PM

To: Jerry Allen

Subject: Copper Pipe Removal

Letter attached.

Judy Walz
Marketing Director
7 Cedars Casino & Resort Properties
360-681-6713
jwalz@7cedarsresort.com

Bouck, Steve

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:54 PM
To: Bouck, Steve; Schuster, Jane
Subject: FW: 7CC Final report

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: Duvil, Ricardi
Sent: Wednesday, December 28, 2016 10:35 AM
To: kristen burgess <esakb1@att.net>; Annette Nesse <anese@jamestowntribe.org>; Jerry Allen <jerryallen@7cedarsresort.com>; Ron Sather <rsather@7cedarsresort.com>
Subject: RE: 7CC Final report

Hi Kristen,

Thank you for the final report. I will review it with our drinking water enforcement team and get back to you next week.

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: kristen burgess [<mailto:esakb1@att.net>]
Sent: Wednesday, December 28, 2016 9:05 AM
To: Duvil, Ricardi <duvil.ricardi@epa.gov>; Annette Nesse <anese@jamestowntribe.org>; Jerry Allen <jerryallen@7cedarsresort.com>; Ron Sather <rsather@7cedarsresort.com>
Subject: 7CC Final report

Ricardi:

Please find attached the final report for the copper replacement project at the 7CC. The chemical analytical data indicates that all ten sampling points at the 7CC are now below the EPA action level of 1.3 mg/L. The hard copy of this report as well as a letter from Mr. Jerry Allen will be sent to you for your files after submittal of this electronic report. Please do not hesitate to contact me with any questions or concerns regarding this copper pipe replacement project and the final analysis.

We look forward to hearing from you.

Most Sincerely,

Kristen Burgess
President
ESA Associates, INC.
(425) 870-8481



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 900
Seattle, WA 98101-3140

OFFICE OF
WATER AND WATERSHEDS

September 15, 2016

Jerry Allen
CEO for 7 Cedars Resort
Jamestown S'Klallam Tribe
270756 Highway 101
Sequim, WA 98382

Re: Optimal Corrosion Control Treatment-Copper Pipe Removal and Replacement Project
7 Cedars Casino PWS ID # 105300108

Dear Mr. Allen:

We have reviewed your copper corrosion control treatment records, which include copper monitoring results, correspondence, and progress reports from September 2011 through June 2016. As you are aware, copper results from almost all tap water samples collected at the 7 Cedars Casino have been considerably over the Action Level of 1.3 mg/L. The 90th percentile copper levels for samples collected from July 2011 through June 2016 are as follows:

Monitoring Period	Copper (mg/L)
July 2011 – December 2011	3.4
July 2012 – December 2012	2.7
July 2013 – December 2013	1.66
July 2014 – December 2014	10.4
January 2015 – June 2015	5.62
July 2015 – December 2015	7.72
January 2016 – June 2016	10.5

As a result of our review, 7 Cedars Casino Water System must complete the copper pipe replacement project by December 31, 2016. Failure to complete this project in a timely manner will trigger a violation of the National Primary Drinking Water Regulations. Given the extremely high copper levels which could cause acute gastrointestinal symptoms such as abdominal discomfort, nausea, and vomiting in sensitive individuals, you might want to consider completing this project earlier than the required date.

Upon completion of this project, you will be required to collect ten samples for lead and copper for two consecutive six month monitoring periods: January 1, 2017 through June 30, 2017 and July 1, 2017 through December 31, 2017. During these monitoring periods, if lead levels remain low and copper levels no longer exceed the 90th percentile Action Level of 1.3 mg/L, then your water system will be placed on an annual monitoring schedule. However, if 90th percentile copper levels continue to exceed the Action Level, you will be required to continue alternative corrosion control treatment in addition to copper line replacement.

If you have any questions, please contact me at (206)553-2578 or duvil.ricardi@epa.gov.

Sincerely

A handwritten signature in black ink, appearing to read 'Ricardi Duvil', with a stylized flourish at the end.

Ricardi Duvil, Ph.D.
Environmental Engineer

cc: Richard Moore, Indian Health Services
Ron Sather, Facilities Manager
Bill Laubner, Facilities Manager

Bouck, Steve

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:55 PM
To: Bouck, Steve; Schuster, Jane
Subject: FW: 7 Cedars Status

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: Duvil, Ricardi
Sent: Wednesday, August 10, 2016 1:42 PM
To: kristen@esaassociates.net
Subject: RE: 7 Cedars Status

Thank you so much !

Keep in touch

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: kristen@esaassociates.net [<mailto:kristen@esaassociates.net>]
Sent: Wednesday, August 10, 2016 1:38 PM
To: Duvil, Ricardi <duvil.ricardi@epa.gov>
Subject: RE: 7 Cedars Status

Ricardi:

Thank you for your call. Here are two of the status reports and a table with the latest results to compare. As I stated the Casino has undergone about 75% replacement of the copper pipes and will continue the final replacements this August and September. Please do not hesitate to call me with any questions.

Sincerely,

Kristen Burgess
425 870 8481

From: "Duvil, Ricardi" <duvil.ricardi@epa.gov>
Date: Wed, Aug 10, 2016 11:28 am
To: "kristen@esaassociates.net" <kristen@esaassociates.net>
Subject: 7 Cedars Status

Hi Christen,

I spoke with Richard Moore from HIS and he gave me your contact information. I would like to discuss 7 Cedars' s corrosion issues with you and see if you have made any progress. I recently took charge of the system and I am trying to gather some information to move forward. Please let me know when you are available for a phone call. Thanks !

Cheers,

Ricardi Duvil, Ph.D.

Environmental Engineer

U.S. Environmental Protection Agency

Office of Water and Watersheds

Drinking Water Unit, Region 10

1200 Sixth Ave., Suite 900, OWW-193

Seattle, WA 98101

Phone: (206)-553-2578

Fax: (206)-553-1280

Bouck, Steve

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:56 PM
To: Schuster, Jane; Bouck, Steve
Subject: FW: 7 Cedars Casino - Consultant Contact

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: Duvil, Ricardi
Sent: Wednesday, August 10, 2016 11:14 AM
To: Moore, Richard (IHS/POR) <Richard.Moore2@ihs.gov>
Subject: RE: 7 Cedars Casino - Consultant Contact

Thank you so much !

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: Moore, Richard (IHS/POR) [<mailto:Richard.Moore2@ihs.gov>]
Sent: Wednesday, August 10, 2016 11:08 AM
To: Duvil, Ricardi <duvil.ricardi@epa.gov>
Subject: 7 Cedars Casino - Consultant Contact

Ricardi,

Following is contact info for Kristen Burgess at ESA Associates. I just chatted with her and she has an update on the copper pipe removal efforts at 7 Cedars Casino that she wants to share with you. I told her you would contact her.

<http://esaassociates.net/index.html>

Kristen Burgess
ESA Associates
2820 132nd Ave SE
Snohomish, WA
(425) 377-9240

I advise you to confirm the mailing address.

Please let me know if I can be of further assistance.

Richard Moore

From: Duvil, Ricardi [<mailto:duvil.ricardi@epa.gov>]
Sent: Wednesday, August 10, 2016 10:33 AM
To: Moore, Richard (IHS/POR)
Subject: RE: Chemawa Indian School - Mike LaPlante at BIA

Thank you !

Do you have any contact info. for 7 cedars ?

Cheers,

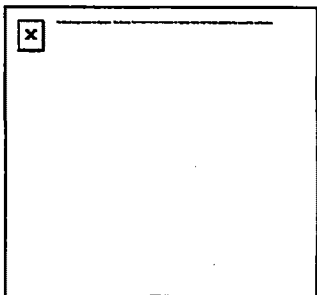
Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: Moore, Richard (IHS/POR) [<mailto:Richard.Moore2@ihs.gov>]
Sent: Wednesday, August 10, 2016 10:30 AM
To: Duvil, Ricardi <duvil.ricardi@epa.gov>
Subject: Chemawa Indian School - Mike LaPlante at BIA

Hi Ricardi,

Please find below Mike LaPlante's contact info – I'm sorry but this all we have for him.

Richard A. Moore P.E.
Tribal Utility Consultant
Indian Health Service
4060 Wheaton Way, Suite E
Bremerton, WA 98310
(360) 792-1235 ext. 102
Richard.Moore2@ihs.gov



Our Mission...to raise the physical, mental, social and spiritual health of American Indians and Alaska Natives to the highest level.

From: OShea, Michael (IHS/POR)
Sent: Wednesday, August 10, 2016 10:26 AM
To: Moore, Richard (IHS/POR)
Subject: LaPlante contact

edward.laplante@bia.gov
503-231-6278

Bouck, Steve

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:56 PM
To: Bouck, Steve; Schuster, Jane
Subject: FW: 7 Cedars Casino

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: kristen burgess [mailto:esakb1@att.net]
Sent: Thursday, July 13, 2017 1:14 PM
To: Duvil, Ricardi <duvil.ricardi@epa.gov>
Cc: Annette Nesse <anese@jamestowntribe.org>; Ron Sather <rsather@7cedarsresort.com>; Jerry Allen <jerryallen@7cedarsresort.com>
Subject: 7 Cedars Casino

Ricardi:

Thank you for your call. As per our conversation, I spoke with Ron Sather about any copper piping left in place at the 7CC. Mr. Sather stated that after the last sampling results, he climbed into the ceiling and found two, 20 foot sections of copper piping still in place that lead to the two sampling points that are over the MCL. These sections of piping will be replaced on July 17 and 18, 2017. We will re-sample the 10 sampling points on July 20, 2017, and submit the results to you.

I have informed Mr. Sather that I need to know if any more areas of copper piping exist in the 7CC. He believes the only remaining area is the pipe from the outside wall to the inside of the casino. Mr. Sather is going to do a final reconnaissance to confirm.

In my opinion, the two, 20 foot sections of copper piping left in place caused the hot spots in CA -05 and CA-19. I do not believe water quality data will alter that finding. However, if you request a collection of water quality data at 7CC, the Tribe will facilitate your request upon approval from Mr. Jerry Allen.

Sincerely,

Kristen Burgess
President
ESA Associates, INC.

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Bouck, Steve

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:57 PM
To: Bouck, Steve; Schuster, Jane
Subject: FW: 7CC lead and copper results

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: Duvil, Ricardi
Sent: Monday, August 14, 2017 2:43 PM
To: 'kristen burgess' <esakb1@att.net>
Cc: Annette Nesse <anesse@jamestowntribe.org>; Jerry Allen <jerryallen@7cedarsresort.com>; Ron Sather <rsather@7cedarsresort.com>
Subject: RE: 7CC lead and copper results

Excellent ! I look forward to receiving 7CC 2018 results.

Cheers,

Ricardi Duvil, Ph.D.
Environmental Engineer
U.S. Environmental Protection Agency
Office of Water and Watersheds
Drinking Water Unit, Region 10
1200 Sixth Ave., Suite 900, OWW-193
Seattle, WA 98101
Phone: (206)-553-2578
Fax: (206)-553-1280

From: kristen burgess [<mailto:esakb1@att.net>]
Sent: Monday, August 14, 2017 1:17 PM
To: Duvil, Ricardi <duvil.ricardi@epa.gov>
Cc: Annette Nesse <anesse@jamestowntribe.org>; Jerry Allen <jerryallen@7cedarsresort.com>; Ron Sather <rsather@7cedarsresort.com>
Subject: 7CC lead and copper results

Ricardi:

Here are the results from 7CC lead and copper compliance taken last Thursday. All ten sampling points are below the EPA action level. The 7CC will collect another round of sampling in January of 2018 for compliance unless otherwise directed by the EPA.

Let me know if you have any further concerns.

Thank you,

Kristen Burgess
President
ESA Associates, INC.
(425) 870-8481